

Ethylene
74-85-1 | DTXSID1026378

Model Performance

Model	Data
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Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.72	51.8	0.74	50.3	0.73	52.7

Model Results

Predicted value: -159 °C

Global applicability domain: Inside

Local applicability domain index: 7.85e-01

Confidence level: 7.37e-01

Nearest Neighbors from the Training Set

<div>Image not found</div> <div>Ethylene</div> <div>Measured: -169</div> <div>Predicted: -159</div>	<div>Image not found</div> <div>1-Propene</div> <div>Measured: -185</div> <div>Predicted: -165</div>	<div>Image not found</div> <div>Butane</div> <div>Measured: -138</div> <div>Predicted: -147</div>
<div>Image not found</div> <div>Pentane</div> <div>Measured: -130</div> <div>Predicted: -136</div>	<div>Image not found</div> <div>Isobutane</div> <div>Measured: -138</div> <div>Predicted: -122</div>	